

STATE OF ILLINOIS

ILLINOIS COMMERCE COMMISSION

DEC 14 2000

COUNTY OF JEFFERSON, )

Petitioner )

VS. )

UNION PACIFIC RAILROAD )

AND THE STATE OF ILLINOIS )

DEPARTMENT OF TRANSPORTATION, )

Respondents )

T00-0113

In the Matter of the Petition for an Order )  
directing the construction of a grade )  
separation structure, other associated drainage )  
structures, approach roadways, and the removal )  
of an existing at grade crossing and adjacent )  
timber highway bridge structure where TR 227 )  
(Green Road) now crosses the tracks of the )  
Union Pacific Railroad in the central part of )  
Jefferson County near the City of Mt. Vernon, )  
and apportioning the project cost among the )  
Parties. )

PETITION

TO: The Illinois Commerce Commission

Your Petitioner, the County of Jefferson, acting on behalf of Mt. Vernon Township, respectfully states:

1. The County of Jefferson, a petitioner, is a County in the State of Illinois, with offices at 750 Old Fairfield Road, Mt. Vernon, Illinois.

DOCKETED

2. The Union Pacific Railroad, a respondent, is a company with offices at 210 North 13<sup>th</sup> Street , St. Louis, Missouri.

3. The Illinois Department of Transportation, also a respondent, is a governmental agency with offices at 2300 South Dirksen Parkway, Springfield, Illinois.

4. A main line railroad track located in the respondent's "Mt. Vernon Sub-division" extends in a generally north-south direction through the central part of Jefferson County. Certain public highways of Jefferson County, in particular Township Road 227 (Green Road), intersect the respondent's railroad tracks by means of an at grade crossing (see EXHIBIT I).

5. Township Road 227 (Green Road) carries a substantial amount of local and non-local traffic (300 vehicles per day) and is an east-west road within central Jefferson County. Township Road 227 (Green Road) is also used as a school bus route and mail route and is used for the movement of farm equipment and as a route to move agricultural products to market.

This particular mainline railroad track of the respondent is utilized by a large number of freight trains (averaging 20 trains per day).

6. Township Road 227(Green Road) is provided with an inadequate and hazardous at grade crossing as a means of crossing said railroad tracks. The existing approach roadway has substandard sight distances. The existing approach roadway sight distances have been made more hazardous by recent raising of the railroad track vertical alignment by approximately 1.5 feet. The location and existing grade of the adjacent timber highway bridge makes adjustment of the east approach roadway impractical at the present time. The existing timber highway bridge structure over Casey Fork (Structure Number 041-3094) is maintained by the petitioner, and is structurally and functionally deficient for the types and levels of traffic now using TR 227 (Green Road). The inadequate timber structure, having a width of only 18.5 feet and carrying only one lane of traffic at a time, has been inspected, inventoried, rated, and posted in compliance with current Illinois Department of Transportation policies.

The Sufficiency Rating for Structure Number 041-3094 is 35.0 and the posted recommendation from the Illinois Department of Transportation is only twenty (20) tons.

7. Since the existing at grade crossing and adjacent timber highway bridge structure are deficient and hazardous to the traveling public, your petitioner, Jefferson County, plans to make an application for funds from a legislative grant to finance twenty-five (25) percent of the project cost for constructing a grade separation structure, other associated drainage structures, and approach roadways where TR227 (Green Road) now crosses the Union Pacific Railroad's track and the Casey Fork.

The estimated project cost, including preliminary engineering studies, right of way acquisition, design engineering, wetlands mitigation, construction engineering, structures, approach roadways and maintenance of traffic of said grade separation, is estimated at \$1,821,000.00 (see EXHIBIT III).

8. Because Jefferson County is financially unable to participate in the total project cost, it will be necessary to obtain approximately \$1,365,750.00 to supplement the funds available to Jefferson County. The County of Jefferson thus respectfully requests that the Illinois Commerce Commission apportion the remaining seventy-five (75) percent of the estimated project cost among the Illinois Grade Crossing Protection Fund and the Union Pacific Railroad in order to fully fund the project.

9. The County of Jefferson, the petitioner, would pray that the Grade Crossing Protection Fund pay sixty (60) percent and that the Union Pacific Railroad should volunteer fifteen (15) percent of the project cost as their share. If the Union Pacific Railroad would provide such a contribution on a voluntary basis, the petitioner would agree to assume ownership and future maintenance responsibility for the new grade separation structure. Otherwise, the petitioner requests that the Union Pacific Railroad be required to maintain the new grade separation structure.

10. In the event that the legislative grant funding is not obtained, your petitioner realizes that the project is not economically feasible and should not be

undertaken; thus, your petitioner requests that any order of the Illinois Commerce Commission apportioning the project costs in question be conditioned upon your petitioner obtaining the aforementioned legislative grant funding.

Wherefore, your petitioner prays that the Illinois Commerce Commission conduct a hearing on this Petition and after said hearing provide an order for construction of a grade separation structure, other associated drainage structures, approach roadways, and the removal of an existing at grade crossing and timber highway bridge structure where Township Road 227 (Green Road) now crosses the Union Pacific Railroad and Casey Fork and further apportioning and distributing the project cost as previously requested, specifically providing however, in said order, that said construction and contribution of project costs is conditioned upon your petitioner obtaining a legislative grant to finance twenty-five (25) percent of the project cost.

COUNTY OF JEFFERSON

BY Steve Schnake  
Mr. Steve Schnake, P.E.  
County Engineer

BY Terry O. Moore  
Mr. Terry O. Moore  
Commissioner, Mt. Vernon Township

ATTEST:

Don Rector  
Mr. Don Rector  
Jefferson County Clerk

State of Illinois     )  
                                  )  
County of Jefferson )

Rhutasel and Associates, Inc., being first duly sworn on oath deposes and says that on the 13<sup>th</sup> day of December, 2000, I have served the within petition by placing true and correct copies thereof in envelopes properly stamped and addressed to the following:

- |  |   |
|--|---|
| 1. Mr. Kevin Sharpe (2 originals)<br>Director of Processing and Information<br>Illinois Commerce Commission<br>Transportation Division<br>527 East Capitol Avenue<br>Springfield, Illinois 62794 | 2. Mr. James C. Slifer (1 copy)<br>Director, Division of Highways<br>Illinois Dept. of Transportation<br>2300 South Dirksen Parkway<br>Springfield, Illinois 62764                      |
| 3. Mr. Roy P. Farwell (1 copy)<br>Union Pacific Railroad<br>210 North 13 <sup>th</sup> Street<br>Room 2000<br>St. Louis, Missouri 63103  | 4. Mr. David W. McKernan (1 copy)<br>Union Pacific Railroad<br>210 North 13 <sup>th</sup> Street<br>Room 1612<br>St. Louis, Missouri 63103  |
| 5. Union Pacific Railroad (1 copy)<br>CT Corporation System<br>208 South LaSalle Street<br>Chicago, Illinois 60604   | 6. Union Pacific Railroad (1 copy)<br>Mr. Ronald J. Cuchna, Esq.<br>General Solicitor<br>Attn: Mr. Mack Shumate, Jr.<br>101 North Wacker Drive<br>Suite 1920<br>Chicago, Illinois 60606 |
| 7. Mr. Jerry Cunningham (1 copy)<br>Illinois Department of Transportation<br>400 West Wabash Avenue<br>Effingham, Illinois 62401   |   |

Gary L. Hahn

Gary L. Hahn, P.E., S.E.  
Serving Agent

Subscribed and sworn to  
before me this 13<sup>TH</sup> day  
of DECEMBER, 2000



Joe Niederhofer

Notary Public

My Commission Expires 01/31/04



**PROJECT LOCATION SKETCH**

**EXHIBIT I**

RHUTASEL and ASSOCIATES, INC.  
Consulting Engineers • Land Surveyors  
Centralia / Freeburg, Illinois

JEFFERSON COUNTY, ILLINOIS  
MT. VERNON TOWNSHIP  
TR 227 OVER UPRR AND CASEY FORK  
SECTION 98-11120-00-BR

**PRELIMINARY COST ESTIMATE  
FOR PROPOSED GRADE SEPARATION BRIDGE STRUCTURE  
AND APPROACH ROADWAYS**

**NOTE: ALSO INCLUDES OTHER ASSOCIATED DRAINAGE STRUCTURES (OVERFLOW BRIDGE AND BOX CULVERT)**

Code No.	Item	Unit	Quantity	Unit Price	Total
Z3348665	Railroad Protective Liability Insurance	L Sum	1	\$6,000.00	\$6,000.00
20100500	Tree Removal, Acres	Acre	3.1	\$3,000.00	\$9,300.00
20200100	Earth Excavation	Cu Yd	850	\$4.00	\$3,400.00
20400100	Borrow Excavation	Cu Yd	97200	\$5.00	\$486,000.00
20700110	Porous Granular Embankment	Ton	75	\$20.00	\$1,500.00
25001000	Seeding, Class 2 (Special)	Acre	6.7	\$1,200.00	\$8,040.00
28100807	Stone Dumped Riprap, Class A4	Ton	580	\$24.00	\$13,920.00
28200100	Filter Fabric For Use With Riprap	Sq Yd	800	\$2.00	\$1,600.00
35100100	Aggregate Base Course, Type A	Ton	1975	\$14.50	\$28,637.50
40200800	Aggregate Surface Course, Type B	Ton	400	\$15.50	\$6,200.00
40300100	Bituminous Materials (Prime Coat)	Gallon	1625	\$2.00	\$3,250.00
40300300	Bituminous Materials (Cover and Seal Coats)	Gallon	4450	\$2.00	\$8,900.00
40300500	Cover Coat Aggregate	Ton	85	\$26.00	\$2,210.00
40300600	Seal Coat Aggregate	Ton	45	\$28.00	\$1,260.00
42001400	Bridge Approach Pavement (Special)	Sq Yd	102	\$125.00	\$12,750.00
50100300	Removal of Existing Structures	Each	1	\$10,000.00	\$10,000.00
50300225	Concrete Structures	Cu Yd	165	\$375.00	\$61,875.00
54003000	Concrete Box Culverts	Cu Yd	230	\$350.00	\$80,500.00
50400505	Precast Prestressed Concrete Deck Beams (27" Depth)	Sq Ft	1420	\$33.00	\$46,860.00
50400605	Precast Prestressed Concrete Deck Beams (33" Depth)	Sq Ft	7100	\$32.00	\$227,200.00
50800105	Reinforcement Bars	Pound	141000	\$0.90	\$126,900.00
50900205	Steel Railing, Type S1	Foot	121	\$50.00	\$6,050.00
50901305	Steel Railing, Type S1 (Special)	Foot	596	\$65.00	\$38,740.00
51201500	Furnishing Steel Piles, HP 12x53	Foot	975	\$27.00	\$26,325.00
51202700	Driving Steel Piles	Foot	975	\$1.00	\$975.00
51202700	Test Pile Steel HP 12x53	Each	2	\$3,000.00	\$6,000.00
51500100	Name Plates	Each	2	\$275.00	\$550.00
542D0223	Pipe Culverts, Class D, Type 1, 18"	Foot	150	\$27.00	\$4,050.00
54213663	End Sections 18"	Each	10	\$150.00	\$1,500.00
LR631020	Traffic Barrier Terminal, Type 1 (BLR 23)	Each	8	\$950.00	\$7,600.00
63100075	Traffic Barrier Terminal, Type 5A	Each	8	\$650.00	\$5,200.00
63000005	Steel Plate Beam Guard Rail, Type B	Foot	1600	\$16.00	\$25,600.00
66600105	Furnishing and Erecting Right-of-Way Markers	Each	12	\$70.00	\$840.00
X0321319	Drilled Shafts	Cu Ft	2900	\$27.00	\$78,300.00
				Total	\$1,348,032.50

SAY \$1,350,000.00

**EXHIBIT II**

RHUTASEL and ASSOCIATES, INC.  
Consulting Engineers • Land Surveyors  
Centralia / Freeburg, Illinois

JEFFERSON COUNTY, ILLINOIS  
MT. VERNON TOWNSHIP  
TR 227 OVER UPRR AND CASEY FORK  
SECTION 98-11120-00-BR



## PRELIMINARY PROJECT COST ESTIMATE

I. Right-of-Way Acquisition (Estimated at 4.0 acres±)	= \$	10,000.00
II. Construction (See Exhibit II)	= \$	1,350,000.00
III. Railroad Flagging	= \$	<u>20,000.00</u>
	\$	1,380,000.00
10% Contingency	\$	<u>138,000.00</u>
Sub-Total	= \$	1,518,000.00
IV. Engineering		
a) Preliminary Studies	= \$	25,295.00
b) Design (8% of Sub-Total)	= \$	121,440.00
c) WetLands Mitigation Sub-consultant	= \$	19,500.00
d) Construction (9% of Sub-Total)	= \$	<u>136,620.00</u>
	\$	1,820,855.00
TOTAL ESTIMATED PROJECT COST, SAY	\$	<u>1,821,000.00</u>

## PROPOSED PROJECT FUNDING

Legislative Grant Funds (Jefferson County / Mt. Vernon Township)		
0.25 x \$ 1,821,000.00	=	\$455,250.00
Grade Crossing Protection Funds		
0.60 x \$ 1,821,000.00	=	\$1,092,600.00
Union Pacific Railroad		
0.15 x \$ 1,821,000.00	=	\$273,150.00
TOTAL	=	<u>\$1,821,000.00</u>

### **EXHIBIT III**

RHUTASEL and ASSOCIATES, INC.  
Consulting Engineers • Land Surveyors  
Centralia / Freeburg, Illinois

JEFFERSON COUNTY, ILLINOIS  
MT. VERNON TOWNSHIP  
TR 227 OVER UPRR AND CASEY FORK  
SECTION 98-11120-00-BR

## **ATTACHMENT/EXHIBIT**

**ITEM TO LARGE TO SCAN  
COPY AVAILABLE FROM FORMAL FILE**